

CHEMICAL PHYSICS LETTERS

Chemical Physics Letters 252 (1996) 457-463

Author index to volume 252

Adamowicz, L., see Sobolewski, A.L.	252 (1996) 33
Adhikari, S., see Sarkar, P.	252 (1996) 189
Ågren, H., see Luo, Y.	252 (1996) 389
Angelov, D., see Nikogosyan, D.N.	252 (1996) 322
Ansaloni, R., see Evangelisti, S.	252 (1996) 437
Aquino, A.A., C.P.A. Mulcahy and T.S. Jones, Resonant vibrational excitation and electron	
induced dissociation processes in HREELS studies of trimethylindium chemisorbed on	
GaAs(100)	252 (1996) 159
Bačić, Z., see Niyaz, P.	252 (1996) 23
Bancroft, G.M., see Davis, H.B.	252 (1996) 267
Behm, J.M., see Laskin, J.	252 (1996) 277
Ben Arfa, M., see Lescop, B.	252 (1996) 327
Bendazzoli, G.L., see Evangelisti, S.	252 (1996) 437
Bhattacharyya, S.P., see Sarkar, P.	252 (1996) 189
Böhm, M.C., see Schulte, J.	252 (1996) 367
Borrmann, A. and R.O. Jones, Structures and energy barriers in small hydrocarbon	
molecules – a density functional study	252 (1996) 1
Brunold, T.C., H.U. Güdel and E. Cavalli, Absorption and luminescence spectroscopy of	
Zn ₂ SiO ₄ willemite crystals doped with Co ²⁺	252 (1996) 112
Cai, ZL., J.M.L. Martin, J.P. François and R. Gijbels, Ab initio study of the $X^2\Sigma^+$ and	
$A^2\Pi$ states of the SiN radical	252 (1996) 398
Cavalli, E., see Brunold, T.C.	252 (1996) 112
Cesar, A., see Luo, Y.	252 (1996) 389
Chabal, Y.J., see Raghavachari, K.	252 (1996) 230
Cheeseman, J.R., M.J. Frisch, F.J. Devlin and P.J. Stephens, Ab initio calculation of atomic	
axial tensors and vibrational rotational strengths using density functional theory	252 (1996) 211
Chen, R. and H. Guo, An accurate spectral method with arbitrarily large time step sizes	252 (1996) 201
Chen, T.H., K.X. Wang, W.L. Luo, Z.Y. Yuan, J.Z. Wang, D.T. Ding, H.X. Li and C. Hu,	
Partitioning of aluminum atoms in crystallographically non-equivalent tetrahedral sites	
of the zeolite offretite by ²⁹ Si MAS NMR	252 (1996) 375
Chen, Y., P. Gross, V. Ramakrishna, H. Rabitz and K. Mease, Selective excitation of	
molecular eigenstates using state-dependent optical field design	252 (1996) 447
Cherid, M., see Lescop, B.	252 (1996) 327
Chitra, R. and S. Yashonath, Monte Carlo simulation of an argon cluster confined in zeolite	
NaCaA	252 (1996) 384

Corkum, P.B., see Seideman, T.	252 (1996) 181
Cremer, D., see Gutbrod, R.	252 (1996) 221
Cressey, G., see van der Laan, G.	252 (1996) 272
Dasgupta, K., see Dietrich, G.	252 (1996) 141
Davis, H.B., R.K. Pomeroy, YF. Hu, G.M. Bancroft and K.H. Tan, A variable energy	
valence level photoelectron study of Os(CO) ₄ PMe ₃ : the Os 5d assignment using	
$np \rightarrow nd$ resonances	252 (1996) 267
de Castro Faria, N.V., see Farizon, B.	252 (1996) 147
Demtröder, W., see Färbert, A.	252 (1996) 243
Devlin, F.J., see Cheeseman, J.R.	252 (1996) 211
Dietrich, G., K. Dasgupta, K. Lützenkirchen, L. Schweikhard and J. Ziegler, Chemisorption	
of hydrogen on a V ₅ ⁺ cluster	252 (1996) 141
Ding, D.T., see Chen, T.H.	252 (1996) 375
Durì, F., see Evangelisti, S.	252 (1996) 437
El-Yazal, J., see Martin, J.M.L.	252 (1996) 9
Erdman, P.S., K.M. Sando, W.C. Stwalley, C.W. Larson and M.E. Fajardo, High tempera-	
ture, high density observation and modeling of the lithium $1^3\Sigma_u^+ - 1^3\Pi_g$ transition	252 (1996) 248
Evangelisti, S., G.L. Bendazzoli, R. Ansaloni, F. Durì and E. Rossi, A one billion	(+) +
determinant full CI benchmark on the Cray T3D	252 (1996) 437
Fajardo, M.E., see Erdman, P.S.	252 (1996) 248
Färbert, A., P. Kowalczyk, H. v. Busch and W. Demtröder, The rotationally resolved	
$1^{3}\Sigma_{g}^{+} \leftarrow 1^{3}\Sigma_{u}^{+}$ transition in Na ₂ studied by resonant two-photon ionization in a	
molecular beam	252 (1996) 243
Farizon, B., M. Farizon, M.J. Gaillard, E. Gerlic, R. Genre, S. Louc, N.V. de Castro Faria	
and G. Jalbert, Direct observation of multi-ionization and multi-fragmentation in a	252 (1224) 1.15
high-velocity cluster-atom collision	252 (1996) 147
Farizon, M., see Farizon, B.	252 (1996) 147
Field, D., see Randell, J.	252 (1996) 253
François, JP., see Martin, J.M.L.	252 (1996) 9
François, J.P., see Cai, ZL.	252 (1996) 398
Frisch, M.J., see Cheeseman, J.R.	252 (1996) 211
Frishman, A.M., D.K. Hoffman, R.J. Rakauskas and D.J. Kouri, Distributed approximating	252 (1006) (2
functional approach to fitting and predicting potential surfaces. 1. Atom-atom potentials	252 (1996) 62
Fu, K., P. Zhang, T.L. Haslett, M. Moskovits and X. Gu, Selenium intercalated solid C ₆₀	252 (1996) 101
Fujii, M., see Omi, T.	252 (1996) 287
Gaillard, M.J., see Farizon, B.	252 (1996) 147
Genre, R., see Farizon, B.	252 (1996) 147
Gerlic, E., see Farizon, B.	252 (1996) 147
Gijbels, R., see Cai, ZL.	252 (1996) 398
Gong, Y., see Ravichandran, K.	252 (1996) 348
Gorte, R.J., see Šepa, J.	252 (1996) 281
Gronert, S., The need for additional diffuse functions in calculations on small anions: the	
G2(DD) approach	252 (1996) 415
Gross, P., see Chen, Y.	252 (1996) 447

Gu, X., see Fu, K.	252 (1996) 101
Güdel, H.U., see Brunold, T.C.	252 (1996) 112
Guo, H., see Chen, R.	252 (1996) 201
Gutbrod, R., R.N. Schindler, E. Kraka and D. Cremer, Formation of OH radicals in the gas	
phase ozonolysis of alkenes: the unexpected role of carbonyl oxides	252 (1996) 221
Gutman, D., see Seetula, J.A.	252 (1996) 299
Hamano, K., see Tsunomori, F.	252 (1996) 121
Handy, N.C. and A.M. Lee, The adiabatic approximation	252 (1996) 425
Handy, N.C., see Neumann, R.	252 (1996) 19
Haselbach, E., see von Raumer, M.	252 (1996) 263
Hashimoto, S., Diffuse reflectance laser photolytic studies of pyrene included in zeolites.	
Formation of pyrene anion radicals via excited-state electron transfer between guest	
molecules	252 (1996) 236
Haslett, T.L., see Fu, K.	252 (1996) 101
Heaton, N.J., An alternative approach to the simulation of magnetic resonance lineshapes	
and spin echoes in the presence of exchange	252 (1996) 77
Heideman, H.G.M., see Westerveld, W.B.	252 (1996) 107
Henderson, B., see Macfarlane, P.I.	252 (1996) 311
Henderson, C.M.B., see van der Laan, G.	252 (1996) 272
Hirayama, S., see Tanaka, F.	252 (1996) 258
Hoffman, D.K., see Frishman, A.M.	252 (1996) 62
Holliday, K., see Macfarlane, P.I.	252 (1996) 311
Hu, C., see Chen, T.H.	252 (1996) 375
Hu, YF., see Davis, H.B.	252 (1996) 267
Ivanov, M.Yu., see Seideman, T.	252 (1996) 181
Ivanov, M.Yu., see Seideman, T. Jalbert, G., see Farizon, B.	252 (1996) 181 252 (1996) 147
Jalbert, G., see Farizon, B.	252 (1996) 147
Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P.	252 (1996) 147 252 (1996) 165
Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A.	252 (1996) 147 252 (1996) 165 252 (1996) 1
Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A.	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85
Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159
Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. Kobori, Y., M. Mitsui, A. Kawai and K. Obi, Absolute magnitude of spin polarization in 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343 252 (1996) 355 252 (1996) 355
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. Kobori, Y., M. Mitsui, A. Kawai and K. Obi, Absolute magnitude of spin polarization in the radical-triplet pair mechanism: CIDEP generation by level crossings in a triplet-doublet interaction Kono, M., see Tanaka, F. 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343 252 (1996) 355 252 (1996) 355 252 (1996) 258
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. Kobori, Y., M. Mitsui, A. Kawai and K. Obi, Absolute magnitude of spin polarization in the radical-triplet pair mechanism: CIDEP generation by level crossings in a triplet-doublet interaction Kono, M., see Tanaka, F. Kouri, D.J., see Frishman, A.M. 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343 252 (1996) 355 252 (1996) 355 252 (1996) 258 252 (1996) 62
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. Kobori, Y., M. Mitsui, A. Kawai and K. Obi, Absolute magnitude of spin polarization in the radical-triplet pair mechanism: CIDEP generation by level crossings in a triplet-doublet interaction Kono, M., see Tanaka, F. Kouri, D.J., see Frishman, A.M. Kowalczyk, P., see Färbert, A. 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343 252 (1996) 355 252 (1996) 355 252 (1996) 258 252 (1996) 62 252 (1996) 243
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. Kobori, Y., M. Mitsui, A. Kawai and K. Obi, Absolute magnitude of spin polarization in the radical-triplet pair mechanism: CIDEP generation by level crossings in a triplet-doublet interaction Kono, M., see Tanaka, F. Kouri, D.J., see Frishman, A.M. 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343 252 (1996) 355 252 (1996) 355 252 (1996) 258 252 (1996) 62
 Jalbert, G., see Farizon, B. Jodkowski, J.T., see Pagsberg, P. Jones, R.O., see Borrmann, A. Jones, T.S., see Aquino, A.A. Kakitani, T., see Sumi, H. Kanetakis, J. and H. Sillescu, Simultaneous measurement of rotational and translational diffusion by forced Rayleigh scattering. Colloid spheres in suspension Kang, H.C., A computational study of the structures of Van der Waals and hydrogen-bonded complexes of ethene and ethyne Kawai, A., see Kobori, Y. Kobori, Y., M. Mitsui, A. Kawai and K. Obi, Absolute magnitude of spin polarization in the radical-triplet pair mechanism: CIDEP generation by level crossings in a triplet-doublet interaction Kono, M., see Tanaka, F. Kouri, D.J., see Frishman, A.M. Kowalczyk, P., see Färbert, A. 	252 (1996) 147 252 (1996) 165 252 (1996) 1 252 (1996) 159 252 (1996) 85 252 (1996) 127 252 (1996) 343 252 (1996) 355 252 (1996) 355 252 (1996) 258 252 (1996) 62 252 (1996) 243

Laskin, J., J.M. Behm, K.R. Lykke and C. Lifshitz, Time-resolved appearance energies for	
fragment ions from C ₆₀	252 (1996) 277
Le Coz, G., see Lescop, B.	252 (1996) 327
Lee, A.M., see Handy, N.C.	252 (1996) 425
Le Nadan, A., see Lescop, B.	252 (1996) 327
Lescop, B., M. Ben Arfa, G. Le Coz, M. Cherid, G. Sinou, A. Le Nadan and F. Tuffin,	
Autoionization process in the Penning ionization of the CO molecule by Ne* (³ P ₀ , ³ P ₂)	
metastable atoms	252 (1996) 327
Li, H.X., see Chen, T.H.	252 (1996) 375
Lifshitz, C., see Laskin, J.	252 (1996) 277
Lindqvist, L., see Nikogosyan, D.N.	252 (1996) 322
Löffler, P., D. Lacombe, A. Ross, E. Wrede, L. Schnieder and K.H. Welge, Photofragment	
action spectroscopy of the acetylene molecule in the vacuum ultraviolet	252 (1996) 304
Louc, S., see Farizon, B.	252 (1996) 147
Lunt, S.L., see Randell, J.	252 (1996) 253
Luo, W.L., see Chen, T.H.	252 (1996) 375
Luo, Y., A. Cesar and H. Agren, The hyperpolarizability of the tricyanomethanide	
molecular ion in solution	252 (1996) 389
Lützenkirchen, K., see Dietrich, G.	252 (1996) 141
Lykke, K.R., see Laskin, J.	252 (1996) 277
Macfarlane, P.I., K. Holliday and B. Henderson, Nephelauxetic inhomogeneous broadening	
of optical transitions	252 (1996) 311
Manthe, U. and F. Matzkies, Iterative diagonalization within the multi-configurational	
time-dependent Hartree approach: calculation of vibrationally excited states and reaction	
rates	252 (1996) 71
Martin, J.M.L., J. El-Yazal and JP. François, Structure and relative energetics of C_{2n+1}	
(n = 2-7) carbon clusters using coupled cluster and hybrid density functional methods	252 (1996) 9
Martin, J.M.L., see Cai, ZL.	252 (1996) 398
Matzkies, F., see Manthe, U.	252 (1996) 71
Mease, K., see Chen, Y.	252 (1996) 447
Merchán, M., R. Pou-Amérigo and B.O. Roos, A theoretical study of the dissociation	252 (1004) 105
energy of Ni ₂ ⁺ A case of broken symmetry	252 (1996) 405
Mikami, M., see Tsuzuki, S.	252 (1996) 206
Mitsui, M., see Kobori, Y.	252 (1996) 355
Molski, A., Fluctuation theory of the coupling between diffusion and reaction in 1D:	252 (1006) 42
coalescence with point reactivities	252 (1996) 42
Moskovits, M., see Fu, K.	252 (1996) 101
Moskowitz, J.W., see Niyaz, P.	252 (1996) 23
Mrotzek, G., see Randell, J.	252 (1996) 253
Mulcahy, C.P.A., see Aquino, A.A.	252 (1996) 159
Müller-Plathe, F., Solvent dynamics in swollen polymers	252 (1996) 419
Nagano, Y. and T. Tamura, Stoichiometry and phase behavior of carbon tetrachloride	
solvates of C_{60}	252 (1996) 362
Namiki, Ki. and S. Saito, Microwave spectrum of the NiO radical in the $X^3\Sigma^-$ state	252 (1996) 343
Neuhauser, D., see Pang, J.W.	252 (1996) 173
Neumann, R. and N.C. Handy, Investigations using the Becke95 correlation functional	252 (1996) 19
, and and a second a second and	(.,,,,,

Nguyen, M. and S.J. Silvers, The low-energy onset of CS ₂ biexponential fluorescence	
decays	252 (1996) 294
Nikogosyan, D.N., D. Angelov, B. Soep and L. Lindqvist, Direct measurement of excited singlet-state lifetime in the homologous sequence adenine, adenosine, adenosine 5'-	
monophosphate and in calf thymus DNA	252 (1996) 322
Niyaz, P., Z. Bačić, J.W. Moskowitz and K.E. Schmidt, Ar_nHF ($n = 1-4$) van der Waals	
clusters: a quantum Monte Carlo study of ground state energies, structures and HF	(
vibrational frequency shifts	252 (1996) 23
Obi, K., see Kobori, Y.	252 (1996) 355
Ohzono, H., see Yamaguchi, T.	252 (1996) 317
Okada, S. and S. Saito, Number of extractable fullerene isomers and speciality of C ₈₄	252 (1996) 94
Omi, T., H. Shitomi, N. Sekiya, K. Takazawa and M. Fujii, Nonresonant ionization	
detected IR spectroscopy for the vibrational study in a supersonic jet	252 (1996) 287
Pagsberg, P., A. Sillesen, J.T. Jodkowski and E. Ratajczak, Kinetics of the $F + NO_2 + M$ $\rightarrow FNO_2 + M$ reaction studied by pulse radiolysis combined with time-resolved IR and	
UV spectroscopy	252 (1996) 165
Pang, J.W. and D. Neuhauser, Application of generalized filter-diagonalization to extract	(
instantaneous normal modes	252 (1996) 173
Park, Y.S., S.Y. Um and K.B. Yoon, Facile reduction of sodium and bipyridinium cations	
within zeolites with Tesla spark-coil	252 (1996) 379
Pomeroy, R.K., see Davis, H.B.	252 (1996) 267
Port, H., see Seibold, M.	252 (1996) 135
Pou-Amérigo, R., see Merchán, M.	252 (1996) 405
Protsykevich, I.A., General solution of the associative mean spherical approximation for	272 (1225) 121
the mixture of dimerizing ions in neutralizing background	252 (1996) 431
Rabitz, H., see Chen, Y.	252 (1996) 447
Raghavachari, K., Y.J. Chabal and L.M. Struck, Vibrational interactions at surfaces: H ₂ O	
on Si(100)	252 (1996) 230
Rakauskas, R.J., see Frishman, A.M.	252 (1996) 62
Ramakrishna, V., see Chen, Y.	252 (1996) 447
Randell, J., S.L. Lunt, G. Mrotzek, D. Field and J.P. Ziesel, Low-energy negative-ion states	252 (1996) 253
of NO at high electron energy resolution	252 (1996) 253
Ratajczak, E., see Pagsberg, P. Ravichandran, K., Y. Gong, F. Wu and B.R. Weiner, $SO(X^3\Sigma^-)$ product energy disposal	232 (1990) 103
in the desulfurization reaction of thiirane with O(³ P) atoms	252 (1996) 348
Ray, J.G. and P.K. Sengupta, Erratum to "Luminescence behavior of 7-acaindole in AOT	232 (1770) 340
reverse micelles" (Chem. Phys. Letters 230 (1994)75)	252 (1996) 172
Rohlfing, E.A., see Tobiason, J.D.	252 (1996) 333
Roos, B.O., see Merchán, M.	252 (1996) 405
Ross, A., see Löffler, P.	252 (1996) 304
Rossi, E., see Evangelisti, S.	252 (1996) 437
Sadlej, A.J., see Snijders, J.G.	252 (1996) 51
Saito, S., see Namiki, Ki.	252 (1996) 343
Saito, S., see Okada, S.	252 (1996) 94

Sando, K.M., see Erdman, P.S.	252 (1996) 248
Sarkar, P., S. Adhikari and S.P. Bhattacharyya, On the tunneling dynamics of a cubic	
oscillator with a time-dependent harmonic frequency	252 (1996) 189
Schindler, R.N., see Gutbrod, R.	252 (1996) 221
Schmidt, K.E., see Niyaz, P.	252 (1996) 23
Schnieder, L., see Löffler, P.	252 (1996) 304
Schofield, P.F., see van der Laan, G.	252 (1996) 272
Schulte, J. and M.C. Böhm, Electronic structure of polymeric KC ₆₀ – a crystal orbital	
analysis	252 (1996) 367
Schweikhard, L., see Dietrich, G.	252 (1996) 141
Seetula, J.A., I.R. Slagle, D. Gutman and S.M. Senkan, Kinetics of the reaction of the CCl ₃	
radical with oxygen atoms	252 (1996) 299
Seibold, M. and H. Port, Mid-infrared recognition of the reversible photoswitching of	
fulgides	252 (1996) 135
Seideman, T., M.Yu. Ivanov and P.B. Corkum, The use of intense-field ionization in	,
time-resolved measurements	252 (1996) 181
Sekiya, N., see Omi, T.	252 (1996) 287
Sengupta, P.K., see Ray, J.G.	252 (1996) 172
Senkan, S.M., see Seetula, J.A.	252 (1996) 299
Šepa, J., R.J. Gorte, B.H. Suits and D. White, ¹³ C chemical shielding anisotropy in the	
solid phases of CH ₃ ¹³ CN	252 (1996) 281
Shitomi, H., see Omi, T.	252 (1996) 287
Shobatake, K., see Tanaka, F.	252 (1996) 258
Sillescu, H., see Kanetakis, J.	252 (1996) 127
Sillesen, A., see Pagsberg, P.	252 (1996) 165
Silvers, S.J., see Nguyen, M.	252 (1996) 294
Sinou, G., see Lescop, B.	252 (1996) 327
Slagle, I.R., see Seetula, J.A.	252 (1996) 299
Snijders, J.G. and A.J. Sadlej, Perturbation versus variation treatment of regular relativistic	
Hamiltonians	252 (1996) 51
Sobolewski, A.L. and L. Adamowicz, Double-proton-transfer in [2,2'-bipyridine]-3,3'-diol:	
an ab initio study	252 (1996) 33
Soep, B., see Nikogosyan, D.N.	252 (1996) 322
Stace, A.J., Can a molecule on a solid surface undergo a true (RRKM) unimolecular	
reaction?	252 (1996) 153
Stephens, P.J., see Cheeseman, J.R.	252 (1996) 211
Struck, L.M., see Raghavachari, K.	252 (1996) 230
Stwalley, W.C., see Erdman, P.S.	252 (1996) 248
Suits, B.H., see Šepa, J.	252 (1996) 281
Sumi, H. and T. Kakitani, Electron transfer via a midway molecule as seen in primary	
processes in photosynthesis; a new process describable as superexchange or sequential	
in mutually opposite limits	252 (1996) 85
Suppan, P., see von Raumer, M.	252 (1996) 263
Takazawa, K., see Omi, T.	252 (1996) 287
Tamura, T., see Nagano, Y.	252 (1996) 362
Tan, K.H., see Davis, H.B.	252 (1996) 267
Tanabe, K., see Tsuzuki, S.	252 (1996) 206
	(.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Tanaka, F., Y. Tanaka, S. Hirayama, M. Kono and K. Shobatake, Effects of clustering of	
rare-gas atoms on the rate of S ₁ -T ₂ intersystem crossing for 9-methylanthracene	252 (1996) 258
Tanaka, Y., see Tanaka, F.	252 (1996) 258
Tobiason, J.D. and E.A. Rohlfing, Lifetimes of vibrational levels in the \tilde{B}^2A' state of	
HCO*	252 (1996) 333
Tsunomori, F., H. Ushiki and K. Hamano, Rotational behavior of fluorescent probe	(/ /
molecules near the critical point of cyclohexane + methanol binary mixtures	252 (1996) 121
Tsuzuki, S., T. Uchimaru, M. Mikami and K. Tanabe, Basis set effects on the calculated	202 (1))0) 121
bonding energies of neutral benzene dimers: importance of diffuse polarization functions	252 (1996) 206
Tuffin, F., see Lescop, B.	252 (1996) 327
Turini, I., see Lescop, B.	232 (1770) 327
Uchimaru, T., see Tsuzuki, S.	252 (1996) 206
Um, S.Y., see Park, Y.S.	252 (1996) 379
Ushiki, H., see Tsunomori, F.	252 (1996) 121
Committee, 11, 500 Tourismon, 11	202 (1770) 121
Van der Laan, G., P.F. Schofield, G. Cressey and C.M.B. Henderson, Natural linear	
dichroism at the Fe 2p absorption edge of gillespite	252 (1996) 272
Van der Weg, J., see Westerveld, W.B.	252 (1996) 107
Van Eck, J., see Westerveld, W.B.	252 (1996) 107
V. Busch, H., see Färbert, A.	252 (1996) 243
Von Raumer, M., P. Suppan and E. Haselbach, Photoreduction of triplet benzophenone by	202 (1770) 210
amines: role of their structure	252 (1996) 263
unines. Tole of their structure	232 (1770) 203
Wakita, H., see Yamaguchi, T.	252 (1996) 317
Wang, J.Z., see Chen, T.H.	252 (1996) 375
Wang, K.X., see Chen, T.H.	252 (1996) 375
Weiner, B.R., see Ravichandran, K.	252 (1996) 348
Welge, K.H., see Löffler, P.	252 (1996) 304
West, J.B., see Westerveld, W.B.	252 (1996) 107
Westerveld, W.B., J. van der Weg, J. van Eck, H.G.M. Heideman and J.B. West, Elec-	202 (1990) 107
tron-ion coincidence measurements following 1s _C -photoabsorption of CO	252 (1996) 107
White, D., see Šepa, J.	252 (1996) 281
Wrede, E., see Löffler, P.	252 (1996) 304
Wu, F., see Ravichandran, K.	252 (1996) 348
Wu, Q. and J.Z.H. Zhang, Correction of potential energy surface using inverse perturbation	232 (1770) 340
and singular value decomposition	252 (1996) 195
and singular value decomposition	232 (1770) 173
Yamagami, M., see Yamaguchi, T.	252 (1996) 317
Yamaguchi, T., M. Yamagami, H. Ohzono, H. Wakita and K. Yamanaka, Chloride-ion	(,
hydration in supercritical water by neutron diffraction	252 (1996) 317
Yamanaka, K., see Yamaguchi, T.	252 (1996) 317
Yashonath, S., see Chitra, R.	252 (1996) 384
Yoon, K.B., see Park, Y.S.	252 (1996) 379
Yuan, Z.Y., see Chen, T.H.	252 (1996) 375
1 uan, 2.1., see Chen, 1.11.	232 (1770) 373
Zhang, J.Z.H., see Wu, Q.	252 (1996) 195
Zhang, P., see Fu, K.	252 (1996) 101
Ziegler, J., see Dietrich, G.	252 (1996) 141
Ziesel, J.P., see Randell, J.	252 (1996) 253
zacoci, s.i., occ ivaliden, s.	202 (1770) 200